

Long-Lead Automotive Product Selector Guide

Part Number	Manufacturer	Description	Device Package	EU RoHS Compliant	Lead Free
S9S12DG12F1MPVE	NXP	Microcontroller, 16-Bit, HCS12 CPU, FLASH, 25MHz	LQFP112	Yes	Yes
ADB549WBBCZ504	Analog Devices	ADSP-BF549W-04 - BLACKFIN 533MHZ PRCRSR 2 PPI USB	CSPBGA400	Yes	Yes
AD2S1205WSTZ	Analog Devices	AD2S120 - 12-Bit R/D Converter with Reference Oscillator	QFP44	Yes	Yes
AD5300WBRTZ-RL7	Analog Devices	AD5300 - 2.7V to 5.5V, 140uA, Rail-To-Rail Output 8-Bit DAC	TSOP6	Yes	Yes
AD79141WYRUZ-REEL7	Analog Devices	ADC, Successive Approximation, 10-Bit, 4 Channel, Serial Access, CMOS, PDSO16	TSSOP16	Yes	Yes
AD7924WYRUZ-REEL7	Analog Devices	4-CH 12-BIT SUCCESSIVE APPROXIMATION ADC, SERIAL ACCESS, PDSO16	TSSOP16	Yes	Yes
AD8132WARMZ-R7	Analog Devices	Video Amplifier, 1 Channel(s), Bipolar, PDSO8	MSOP8	Yes	Yes
AD8284WCSVZ	Analog Devices	Radar Receive Path Afe: 4-Channel Mux With Lna, Pga, Aaf, And Adc		Yes	Yes
AD8691WAUJZ-R7	Analog Devices	Operational Amplifier, 3000uV Offset-Max, CMOS, PDSO5	TSOP5/6	Yes	Yes
S9S12B128F0MFUE	NXP	IC MCU 16BIT 128KB FLASH 80QFP	QFP80	Yes	Yes
ADG1411WBCPZ-REEL	Analog Devices	SPST, 4 Func, 1 Channel, CMOS	LCC16	Yes	Yes
ADG439FBNZ	Analog Devices	ADG439 IC SP4T 4:1 16.5V 16-DIP	PDIP16	Yes	Yes
ADG711WBRUZ-REEL	Analog Devices	SPST, 4 Func, CMOS, PDSO16	TSSOP16	Yes	Yes
ADR3530WBRMZ-R7	Analog Devices	ADR3530 - Micropower, High Accuracy Voltage Reference	TSSOP8	Yes	Yes
ADR3550WBRMZ-R7	Analog Devices	ADR3550 - Micropower, High Accuracy Voltage Reference	TSSOP8	Yes	Yes
ADUCM330WFSBCPZ-RL	Analog Devices	ADUCM330WFS - Battery Monitor Gen III(96KB)	VFQFN32	Yes	Yes
ADUM1402WTRWZ-RL	Analog Devices	ADUM1402 - Quad-Channel Digital Isolators	SOP16	Yes	Yes
ADUM3201WCRZ	Analog Devices	ADUM3201 - Dual-Channel, Digital Isolator	SOIC8	Yes	Yes
ADUM3220WBRZ	Analog Devices	ADUM3220 - Isolated 4A Dual-Channel GATE Driver	SOIC8	Yes	Yes
ADUM3470WARSZ	Analog Devices	ADUM3470 - PWM Controller and Transformer Driver with Quad-Channel Iso-lator		Yes	Yes
ADW71205YSTZ	Analog Devices	ADW7120 - 12-Bit RDC with Reference Oscillator		Yes	Yes
ADW71205YSTZ-RL	Analog Devices	ADW71205 - 12-bit, 1000RPS Resolver-Digital Convert	LQFP44	Yes	Yes
ADXL700WBRWZ-RL	Analog Devices	ADXL700 - High Perf 3 Axis Low G ESC	SOIC16	Yes	Yes
ASL5115FHV/0Y	NXP	ASL5xxxHz: Smart Matrix LED Controller for Automotive Lighting	HLQFP48	Yes	Yes
ASL5115SHV/0Y	NXP	ASL5xxxHz: Smart Matrix LED Controller for Automotive Lighting	HLQFP48	Yes	Yes
IPI45N06S409AKSA2	Infineon	IPI45N06 - 55V-60V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
FFSH2065BDN-F085	Onsemi	Automotive Silicon Carbide (SiC) Schottky Diode	TO-247-3	Yes	Yes
AUIRFB8409	Infineon	AUIRFB8409 - 20V-40V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
AUIRF7739L2TR	Infineon	AUIRF7739L2 - 20V-40V N-Channel Automotive MOSFET	DirectFET	Yes	Yes
IPI80N06S405AKSA2	Infineon	IPI80N06 - 55V-60V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
IPI120N06S402AKSA2	Infineon	IPI120N06 - 55V-60V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
IPI120N04S302AKSA1	Infineon	IPI120N04 - 20V-40V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
AUIRFR8403TRL	Infineon	AUIRFR8403 - 20V-40V N-Channel Automotive MOSFET	DPAK	Yes	Yes
AUIRF7675M2TR	Infineon	AUIRF7675M2 - 120V-300V N-Channel Automotive MOSFET	DirectFET	Yes	Yes
AUIRF7316QTR	Infineon	AUIRF7316Q - 20V-150V P-Channel Automotive MOSFET	SO8	Yes	Yes
IPP80N08S406AKSA1	Infineon	IPP80N08 - 75V-100V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
IPP120N04S3-02	Infineon	IPP120N04 - 20V-40V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
AUIRFB8407	Infineon	AUIRFB8407 - 20V-40V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
AUIRF1404	Infineon	AUIRF1404 - 20V-40V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
AUIRFS4310	Infineon	AUIRFS4310 - 75V-100V N-Channel Automotive MOSFET	D2PAK	Yes	Yes
IPB240N03S4LR9ATMA1	Infineon	IPB240N03 - 20V-40V N-Channel Automotive MOSFET	TO-263-7	Yes	Yes
IPB160N04S203ATMA4	Infineon	IPB160N04 - 20V-40V N-Channel Automotive MOSFET	TO-263-7	Yes	Yes
AUIRF7737L2TR	Infineon	AUIRF7737L2 - 20V-40V N-Channel Automotive MOSFET	DirectFET	Yes	Yes
AUIRFS3607TRL	Infineon	AUIRFS3607 - 75V-100V N-Channel Automotive MOSFET	D2PAK	Yes	Yes
IPP100N12S305AKSA1	Infineon	IPP100N12 - 120V-300V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes

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AUIRFS8405	Infineon	AUIRFS8405 - 20V-40V N-Channel Automotive MOSFET	D2PAK	Yes	Yes
NV25M01DWUTG	Onsemi	EEPROM Serial 1-Mb uPI - Automotive Grade	SOIC8	Yes	Yes
IPP80N06S207AKSA4	Infineon	IPP80N06 - 55V-60V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
IPB80N04S204ATMA2	Infineon	IPB80N04 - 20V-40V N-Channel Automotive MOSFET	TO-263-3	Yes	Yes
BAP64-06W,115	NXP	BAP64-06W - Pin Diode, 100V	SC-70	Yes	Yes
PN5120A0HN/C2.518	NXP	IC TRANSMISSION MOD 40-HVQFN	LCC40	Yes	Yes
AUIRF3205Z	Infineon	AUIRF3205Z - 55V-60V N-Channel Automotive MOSFET	TO-220-3	Yes	Yes
MPC566AZP56	NXP	NXP 32-bit MCU, Power Architecture, 1MB Flash, 56MHz, -55/+125degC, Automotive Grade, PBGA 388	BGA388	No	No
S912XEG128J2VAA	NXP	16-bit MCU, S12X core, 128KB Flash, 50MHz, -40/+105degC, Automotive Qualified, QFP 80	QFP80	Yes	Yes
SPC5604PEF1MLQ6R528	NXP	SPC5604PEF1MLQ6R - Microcontroller 32-Bit FLASH, E200 CPU- Power Architecture, 64MHz	LQFP144	Yes	Yes
IPB80N06S207ATMA4	Infineon	IPB80N06 - 55V-60V N-Channel Automotive MOSFET	TO-263-3	Yes	Yes
AUIRF7342QTR	Infineon	AUIRF7342Q - 20V-150V P-Channel Automotive MOSFET	SO8	Yes	Yes
IPI80N04S404AKSA1	Infineon	IPI80N04 - 20V-40V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
AUIRFS8409	Infineon	AUIRFS8409 - 20V-40V N-Channel Automotive MOSFET	D2PAK	Yes	Yes
AUIRGPS4070DO	Infineon	AUIRGPS4070DO - Automotive IGBT Discretes	SUPER247	Yes	Yes
AUIRF7738L2TR	Infineon	AUIRF7738L2 - 20V-40V N-Channel Automotive MOSFET	DirectFET	Yes	Yes
KP226N3622	Infineon	KP226 - Integrated Automotive Pressure Sensor	DSOF8	Yes	Yes
S912XDP512J1CAGR	NXP	Microcontroller, 16-Bit, HCS12 CPU, FLASH, 40MHz, CMOS, PQFP144	LQFP144	Yes	Yes
S912XDP512J1MALR528	NXP	Microcontroller, 16-Bit, HCS12 CPU, FLASH, 40MHz, CMOS	SOT1672	Yes	Yes
IPI80N08S406AKSA1	Infineon	IPI80N08 - 75V-100V N-Channel Automotive MOSFET	TO-262-3	Yes	Yes
NCF3340AHN/00310Y	NXP	NCF3340AHN - Automotive qualified NFC Controller with NCI interface	HVQFN40	Yes	Yes
NCV1060BD060R2G	ONSEMI	NCV1060 - Automotive High-Voltage Switcher for low Power offline SMPS 60 kHz Automotive High-Voltage Switcher for low Power offline SMPS	SOIC16	Yes	Yes
NCV891130PD40R2G	ONSEMI	NCV891130 - 1.2 A, 2 MHz Low-Iq Dual-Mode Step-Down Regulator for Automotive	SOIC8	Yes	Yes
IPB70N12S311ATMA1	Infineon	IPB70N12 - 120V-300V N-Channel Automotive MOSFET	TO-263-3	Yes	Yes
NV24C04MUW3VTBG	Onsemi	NV24C04 - EEPROM Serial 4-Kb I2C - Automotive Grade	UFN-WF	Yes	Yes
S912XDT256F1VAA	NXP	S912XD - Microcontroller, 16-Bit, HCS12 CPU, FLASH, 40MHz PQFP80	QFP80	Yes	Yes
S912XDP512J1MAL	NXP	16-bit MCU, S12X core, 512KB Flash, 80MHz, -40/+125degC, Automotive Qualified, QFP 112	QFP112	Yes	Yes
S912XDT256F1MAA	NXP	16-bit MCU, S12X core, 256KB Flash, 80MHz, -40/+125degC, Automotive Qualified, QFP 80	QFP80	Yes	Yes
S912XDG256F1MAL	NXP	S12XD Automotive and Industrial Microcontrollers (MCUs)	LQFP112	Yes	Yes
S9S08DV32F2MLH	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, 32KB Flash, 40MHz, -40/+125degC, Automotive Qualified, QFP 64	LQFP64	Yes	Yes
SAF3560HV/V1100,55	NXP	IC WITH PROCESSOR/CONTROLLER	HLQFP144	Yes	Yes
S9S08DZ96F2VLL	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, 96KB Flash, 40MHz, -40/+105degC, Automotive Qualified, QFP 100	LQFP100	Yes	Yes
S912XEG384F1CAA	NXP	16-bit MCU, S12X core, 384KB Flash, 50MHz, -40/+85degC, Automotive Qualified, QFP 80	QFP80	Yes	Yes
S9S12DG12F1VPVE	NXP	16-bit MCU, S12 core, 128KB Flash, 25MHz, -40/+105degC, Automotive Qualified, QFP 112	LQFP112	Yes	Yes
S9S08DV96F2CLL	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, Cost-Effective with CAN D	LQFP100	Yes	Yes
AD21488WBSWZ4B02	Analog Devices	AD21488 - SHARC WITH 3MB ON Chip RAM 400MH	LQFP176	Yes	Yes
FS32R372SDK0MMMT	NXP	S32R Radar Microcontroller - S32R37 Automotive & Industrial Radar Applications	LFBGA257	Yes	Yes
S912XEG128J2CAL	NXP	16-bit MCU, S12X core, 128KB Flash, 50MHz, -40/+85degC, Automotive Qualified, QFP 112	LQFP112	Yes	Yes
FS32R274KBK2MMM	NXP	Power Architecture- Microprocessor	LFBGA257	Yes	Yes
S912XEG384F1VAG	NXP	16-bit MCU, S12X core, 384KB Flash, 50MHz, -40/+105degC, Automotive Qualified, QFP 144	QFP144	Yes	Yes
S9S08LG32JCLK	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, 32KB Flash, 40MHz, -40/+85degC, Automotive Qualified, QFP 80	QFP80	Yes	Yes
MPC566AZP56	NXP	NXP 32-bit MCU, Power Architecture, 1MB Flash, 56MHz, -55/+125degC, Automotive Grade, PBGA 388	BGA388	No	No
S9S08DV128F2CLFR	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, 128KB FLASH	LQFP48	Yes	Yes
S9S12H256J1VFER	NXP	MCU 16-bit HCS12 HCS12 CISC 256KB Flash 2.5V/5V Automotive 144-Pin LQFP T/R	LQFP144	Yes	Yes
S9S08DZ48F2MLH	NXP	Microcontroller, 8-Bit, HC08/S08 CPU, 48KB Flash, 40MHz, -40/+125degC, Automotive Qualified, QFP 64	LQFP64	Yes	Yes
S9S08DZ16F2VLF557	NXP	Microcontroller, 8-Bit, HC08/S08 CPU HCS08 CPU, FLASH, 40 Mhz	SOT313	Yes	Yes
SPC5777MK0MVU8	NXP	MPC5777M Microcontroller Power Architecture based MCU	BGA416	Yes	Yes

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S9S12DG25F0MPVER	NXP	16-bit MCU, S12 core, 256KB Flash, 25MHz, -40/+125degC, Automotive Qualified, QFP 112	LQFP112	Yes	Yes
CY8C21312-24PVXA	Cypress	Automotive Extended PSoC Programmable System-on-Chip	SSOP20	Yes	Yes
AD21469WBBCZ302	Analog Devices	AD21469 - SHARC Processor/5 Mbits on Chip RAM	CSPBGA324	Yes	Yes
SPC5748GK1MMJ6	NXP	NXP 32-bit MCU, Triple core- Power Architecture, 6MB Flash, 160MHz, -40/+125degC, Automotive Qualified, BGA 256	SOT740	Yes	Yes
S912XDG128F2VAL	NXP	16-bit MCU, S12X core, 128KB Flash, 80MHz, -40/+105degC, Automotive Qualified, QFP 112	QFP112	Yes	Yes
SPC5747GBK1VMJ6	NXP	RISC Microprocessor, 32-Bit, CPU Power Architecture, 4 MB Flash, V-temp, 256 MAPBGA, 160MHz, HSM + CAN FD	SOT740	Yes	Yes
S912XD64F2MAA557	NXP	16-bit MCU, S12X core, 64KB Flash, 80MHz	QFP80	Yes	Yes
TJA1081TS,118	NXP	IC TXRX FLEXRAY 16SSOP	SSOP16	Yes	Yes